

PROTECTION: Prioritization of Lower Bear Creek Site-Specific Protection Projects

Please note: Prioritization of site-specific protection potential projects is based on both reach priority (using EDT model) and whether or not the potential project is a priority in an existing science-based protection program (such as Waterways). Existing priorities in the Bear Creek Waterways Program are shaded in following chart.

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 7: Cottage Lake Creek confl. to 133 rd St.	N222	Continue Bear Creek Waterways program in reach. In particular, protect forested area near Classic Nursery.	H	M/L
	N223	Protect riparian forested buffers in reach.	H	M/L
	N224	Protect contiguous forest cover in reach.	H	M/L
	N225	Protect instream flows in reach.	H	L
Reach 6: Trailer park to Cottage Lake Creek confl.	N216	Protect forested areas in reach, particularly south of Puget Power Trail & at 116th and Avondale Rd.	H	H
	N217	Protect riparian forested buffers in reach.	H	M/L
	N218	Protect undeveloped properties in reach.	H	M/L
Reach 5: Evans confl. to trailer park	N213	Protect floodplain and wetland areas adjacent to Keller Farm property (spans Reaches 4 and 5).	H	M
Reach 3: RR tracks to Avondale Rd.	N207	Protect property owned by WA Department of Transportation off NE Redmond Way.	M	M
Reach 4: Avondale Rd. to Evans confl.	N210	Protect floodplain and wetland areas adjacent to Keller Farm property (spans Reaches 4 and 5).	H	M

PROTECTION: Prioritization of Upper Bear Creek Site-Specific Protection Projects

Please note: Reaches 15/16 were unranked by EDT Model because reaches are above Chinook distribution for Bear Creek. However, the WRIA 8 Technical Committee placed reaches 15/16 as top priority for protection because the headwater area affects all reaches downstream.

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 15/16: .5 miles above Woodinville- Duvall Rd. to Paradise Lake	N277	Protect forested headwaters of Cottage Lake Creek and Bear Creek (700 acres) (spans Reaches 15, 16).	H	H
	N279	Ensure that Paradise Valley is used consistently with habitat protection.	H	M/H
	N272	Bear Creek Waterways Reach A, particularly Stevens & Dolittle properties.	H	M/L
	N273	Protect forested headwaters of Cottage Lake Creek and Bear Creek (700 acres) (spans Reaches 15, 16).	H	M/L
	N274	Protect riparian forested buffers in reach.	H	M/L
	N275	Protect instream flows in Reach 15.	H	L
	N278	Protect instream flows in Reach 16.	H	L
Reach 14: Top end of beaver dam complex to .5 miles above Woodinville- Duvall Rd.	N268	Bear Creek Waterways Reaches A and B.	H	M/L
	N269	Protect forest cover in reach.	H	M/L
	N270	Protect riparian forested buffers in reach.	H	M/L
	N271	Protect instream flows in reach.	H	L

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 13: 160 th to top end of beaver dam complex	N263	Protect forest cover in reach.	H	M/L
	N264	Bear Creek Waterways Reach B.	H	M/L
	N265	Protect riparian forested buffers in reach.	H	M/L
	N266	Protect instream flows in reach.	H	L
Reach 9: 141 st to top of beaver dam complex	N238	Protect forest cover in reach.	H	M/L
	N239	Bear Creek Waterways Reach D, particularly, Grandstan property.	H	M/L
	N240	Protect riparian forested buffers in reach.	H	M/L
	N241	Protect instream flows in reach.	H	L
Reach 10: Top of beaver dam complex to Struve Creek confluence	N245	Protect forest cover in reach.	H	M/L
	N246	Bear Creek Waterways Reach B, particularly contiguous, forested riparian parcels in reach.	H	M/L
	N247	Protect riparian forested buffers in reach.	H	M/L
	N248	Protect instream flows in reach.	H	L
Reach 8: 133 rd St. to 141 st crossing	N232	Bear Creek Waterways Reach D, particularly, forested riparian parcels contiguous to already protected areas and Swanson Horse Farm.	H+	M
	N231	Protect forest cover in reach.	H	M/L
	N233	Protect riparian forested buffers in reach.	H	M/L
	N234	Protect instream flows in reach.	H	L
Reach 11: Struve Creek to 158 th crossing	N252	Protect forest cover in reach.	H	M/L
	M253	Bear Creek Waterways Reach B.	H	M/L
	N254	Protect riparian forested buffers in reach.	H	M/L
	N255	Protect instream flows in reach.	H	L
Reach 12: Bear Cr. from 158 th to 160 th	N256	Protect forest cover on Granston property.	H	M/L
	N257	Bear Creek Waterways Reach B.	H	M/L
	N258	Protect riparian forested buffers in reach.	H	M/L

PROTECTION: Prioritization of Cottage Lake/Cold Creeks Site-Specific Protection Projects

Please note: Reaches Cold Creek Reaches 1/2 were unranked by EDT Model because reaches are above Chinook distribution for Cottage Lake/Cold Creeks. However, the WRIA 8 Technical Committee placed Cold Creek Reaches 1/2 as top priority for protection because the headwater area affects all reaches downstream.

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Cold Creek Reaches 1,2	N328	Protect Cold Creek Headwaters/Recharge Area.	H	H
	N326	Determine the source of and protect the aquifer for Cold Creek groundwater.	H	M
	N327	Protect forest cover in reach.	H	M/L
	N329	Bear Creek Waterways Reach C, particularly forested parcels south of NE Woodinville Rd.	H	M/L
	N330	Protect riparian forested buffers in reach.	H	M/L
	N331	Protect instream flows in reach.	H	L
Reach 3: Good habitat to 2 nd Avondale Way	N304	Protect buffers from encroachment into Native Growth Protection Easements.	H	M
	N302	Protect forest cover in reach.	H	M/L

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
crossing	N303	Bear Creek Waterways Reach E.	H	M/L
	N305	Protect instream flows in reach.	H	L
Reach 2: 1 st Avondale Way crossing to good habitat	N292	Protect forest cover in reach.	H	M/L
	N293	Protect 40-acre parcel on Cottage Lake Creek (Nickels Farm).	H	M/L
	N294	Bear Creek Waterways Reach E.	H	M/L
	N295	Protect riparian forested buffers in reach.	H	M/L
	N296	Protect instream flows in reach.	H	L
Reaches 1, 4 & 5/6 Tied in Priority				
Reach 4: 2 nd Avondale crossing to wetland below lake	N310	Protect Cold Creek Headwaters & Recharge Area.	H	H
Reach 5/6: Head-waters of Cottage Lake Creek	N319	Protect Cold Creek Headwaters & Recharge Area.	H	H
Reach 1: Mouth to 1 st Avondale Way crossing	N284	Protect Forest Cover.	H	M/L
	N285	Protect riparian forested buffers.	H	M/L
	N286	Bear Creek Waterways Reach E.	H	M/L
Reach 4: 2 nd Avondale Way crossing to wetland below lake	N309	Protect forest cover in reach.	H	M/L
	N311	Bear Creek Waterways Reach C.	H	M/L
	N312	Protect riparian forested buffers in reach.	H	M/L
Reach 5/6: Head-waters of Cottage Lake Creek	N318	Protect forest cover in reach.	H	M/L
	N320	Bear Creek Waterways Reach C.	H	M/L
	N321	Protect riparian forested buffers in reach.	H	M/L
Reach 1: Mouth to 1 st Avondale crossing	N287	Protect instream flows in reach.	H	L
Reach 4: 2 nd Avondale crossing to wetland below lake	N313	Protect instream flows in reach.	H	L
Reach 5/6: Head-waters of Cottage Lake Creek	N322	Protect instream flows in reach.	H	L

RESTORATION: Priority of Lower Bear Creek Restoration Projects

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
A Reaches				
Reach 5: Evans Creek confluence to	N211	Evans/Bear Creek Restoration - In-channel restoration through the former dairy farm (spans reaches 4 and 5).	H+	H
	N212	Install buffer strips to reduce fine sediments (spans	H	M

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
trailer park		Reaches 4 and 5).		
Reach 4: Avondale Rd. to Evans Creek confluence	N208	Evans/Bear Creek Restoration - In-channel restoration through the former dairy farm (spans Reaches 4 and 5).	H+	H
	N209	Install buffer strips to reduce fine sediments (spans Reaches 4 and 5).	H	M
Reach 1: Mouth to bottom of restoration area	N201	Lower Bear Creek channel restoration.	H+	H
	N202	Add water quality treatment for stormwater runoff from freeway.	H	M
Reach 3 – RR tracks to Avondale Rd.	N206	Riparian restoration on publicly owned land in reach.	H	H
	N205	Add large woody debris to reach.	H	M
Reach 6: Trailer park to Cottage Lake Creek confl.	N214	Riparian restoration in Friendly Village development & equestrian center.	M	L
	N215	Reduce bank armoring & restore riparian vegetation, NE 116th & Avondale Pl.	M/L	H
Reach 7: Cottage Lake Creek confl. to 133 rd St.	N219	Add large woody debris to reach.	H	H
	N221	Work with private property owners to restore riparian areas, increase in-channel complexity.	H	M/L
	N220	Reforest cleared areas in reach.	M	H
B Reaches				
Reach 2: Restoration area to RR tracks	N203	Restore 300 ft. of creek downstream of railroad bridge.	M	H
	N204	Remove constriction of channel caused by remnant of railroad bridge.	L	M

RESTORATION: Priority of Upper Bear Creek Restoration Projects

Reach # (Listed in Priority Order)	Proj. #	Description Note: Shaded Projects are an existing priority in the Bear Creek Waterways Program.	Benefits to Chinook	Ease of Implem.
A Reaches				
Reach 10: Top of beaver dam complex to Struve Creek confluence	N242	Add large woody debris to reach.	H	H
	N243	Continue to work with private property owners in reach to restore riparian areas, increase in-channel complexity and add large woody debris.	H	M/L
	N244	Underplant alders with conifers on publicly owned properties in reach.	M	H
Reach 9: 141 st to top of beaver dam complex	N235	Add large woody debris to reach.	H	M/L
	N236	Work with private property owners to restore riparian areas, increase in-channel complexity.	H	M/L
	N237	Replant cleared, former pasture area in reach.	H	M/L
Reach 8: 133 rd St. to 141 st crossing	N226	Add large woody debris to reach.	H	H
	N228	Riparian restoration and reduction of fine sediments on Swanson Horse Farm property.	H	M
	N229	Plant southside of golf course ponds to shade them, if found to influence temperatures on Bear Creek.	H	M
	N230	Add large woody debris to reach.	H	M/L

Reach # (Listed in Priority Order)	Proj. #	Description Note: Shaded Projects are an existing priority in the Bear Creek Waterways Program.	Benefits to Chinook	Ease of Implem.
	N227	Reforest 10-acre wetland area on golf course in reach.	M	M
Reach 14: Top of beaver dam complex to .5 miles above Woodinville- Duvall Rd.	N267	Riparian planting in wetland area south of Woodinville Duvall Rd.	H/M	H
B Reaches				
Reach 13: 160 th to top end of beaver dam complex	N260	Add large woody debris in reach.		
	N262	Work with private property owners to restore riparian areas, increase in-channel complexity.	H	M/L
	N261	Work with private property owners in reach to reduce water quality impacts.	M	M
Reach 11: Struve Creek to 158 th crossing	N249	Add large woody debris to reach.	H	M/L
	N250	Work with private property owners to restore riparian areas, increase in-channel complexity.	H	M/L
	N251	Remove bank hardening and restore riparian area at Tolt Pipeline crossing.	M	H
Reach 16: .5 miles above Woodinville- Duvall Rd. to Paradise Lake	N276	Riparian restoration in Paradise Valley Conservation Area.	H	M/L

RESTORATION: Priority of Cottage Lake/Cold Creeks Restoration Projects

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 4: 2 nd Avondale Way crossing to wetland below lake	N307	Work with private property owners in reach to restore riparian areas, increase in-channel complexity.	H	M/L
	N308	Work with private property owners in reach to reduce water quality impacts.	M	M
	N306	Add large woody debris to this reach.	M	L
Reach 3: Good habitat to 2 nd Avondale Way crossing	N298	Work with private property owners to restore riparian buffers in reach.	H	M/L
	N300	Work with private property owners in reach to restore riparian areas, increase in-channel complexity.	H	M/L
	N299	Reforest cleared properties in reach, particularly in open space tracts.	M	M
	N301	Work with private property owners in reach to reduce water quality impacts.	M	M
	N297	Add large woody debris to this reach.	M	L
Reach 1: Mouth to 1 st Avondale Way crossing	N280	Add large woody debris to this reach.	H	M/L
	N281	Work with private property owners in reach to restore riparian areas, increase in-channel complexity.	H	M/L
	N282	Improve floodplain connection in reach by removing riprap or artificial constrictions.	H	M/L
	N283	Work with private property owners in reach to reduce water quality impacts.	M	M
Reach 2: 1 st Avondale Way	N290	Work with private property owners in reach to restore riparian areas, increase in-channel complexity.	H	M

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
crossing to good habitat	N288	Add large woody debris to reach.	H	M/L
	N289	Restore riparian conditions on Nickels Farm and reduce inputs of fine sediments.	H	M/L
	N291	Work with private property owners in reach to reduce water quality impacts.	M	M
Reach 5/6: Head-waters of Cottage Lake Creek	N314	Add large woody debris to reach.	H	H
	N316	Work with private property owners in reach to restore riparian areas, increase in-channel complexity.	H	M/L
	N317	Work with private property owners in reach to reduce water quality impacts.	M	M
Cold Creek 1/2	N324	Work with private property owners in reach to restore riparian areas, increase in-channel complexity.	H	M/L
Reach 5/6: Head-waters of Cottage Lake Creek	N315	Restore altered bog in Cold Creek Natural Area (Spans 5/6 Cottage Lake Creek and 1/2 Cold).	M	H
Cold Creek 1/2	N323	Restore altered bog in Cold Creek Natural Area (Spans 5/6 Cottage Lake Creek and 1/2 Cold).	M	H
Cold Creek 1/2	N325	Work with private property owners in reach to reduce water quality impacts.	M	M

PROTECTION: Prioritization of Site-Specific Protection Projects for the Sammamish River

Please note: The Sammamish River reaches were not prioritized using the EDT Model, so prioritization based on expert opinion of Benefits to Chinook and Feasibility.

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 4B: Willow Golf Course to NE 116th St.	N354	Acquire 20-acre parcel Across from Willows Run Golf Course for restoration.	H	M
Reach 1B: 96th St Bridge to 68th St. Bridge	N336	Acquire property near mouth of Swamp Creek for inclusion Swamp Creek Park Restoration.	H/M	H/M
Reach 6B: Lake Sammamish to Weir	N364	Protect existing high quality riparian vegetation in Marymoor dogwalk and Lake Sammamish Rowing areas.	H/M	H

RESTORATION: Prioritization of Restoration Projects for the Sammamish River

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 2: North Creek Confluence (RM 4.5) to 96th St Bridge (RM 2.5)	N339	Explore restoration of minor tributaries and enhance confluences.	H/M	H
	N338	Enhance and reconnect wetlands and remnant side channels adjacent to 102nd Avenue bridge on left bank.	H/M	H/M
	N337	Wetland restoration downstream of 102nd Avenue bridge on right bank.	H/M	M
	N340	Evaluate creation of pools in the Norway Hill area.	M	M

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 1: 96th St Bridge to Sammamish Mouth	N333	LakePointe property riparian and aquatic restoration.	H	H
	N332	Sammamish River Mouth wetland restoration.	H	H/M
	N334	Enhance and reconnect riparian wetlands at Wildcliff Shores.	H/M	H
	N335	Swamp Creek Park wetland and stream restoration.	H/M	M
Reach 5: Willow Golf Course to Bear Creek Confluence	N355	Lower Bear Creek restoration and pool creation.	H+	M
	N356	Regrade banks, create shallow rearing habitat, and restore riparian vegetation in reach.	H	M
	N357	Enhance tributary confluences at Willows Creek and Peters Creek.	H/M	M
Reach 3: NE 145th to North Creek Confluence	N343	Regrade banks, create shallow rearing habitat, and restore riparian vegetation in reach.	H	M
	N342	Enhance tributary confluences of Derby, Gold and Woodin Creeks.	H/M	H/M
	N344	Enhance and reconnect riparian wetlands near Gold Creek.	H/M	L
	N341	Restore and reconnect riparian wetlands adjacent to I-405/SR 522 Interchange.	M	L
Reach 4: Willow Golf Course to NE 145th St.	N346	Enhance tributary confluences in reach.	H	M
	N347	Reconnect Wetland 38 to river.	H	M
	N350	Wetland and side channel restoration across from Willows Run Golf Course.	H	M/L
	N348	Restore full meander in Reach 4A.	H	L
	N351	Riparian restoration between Willows Golf Course and NE 116 th .	H/M	H/M
	N349	Restore small meanders in Reach 4A.	H/M	M
	N345	Restore historic channel habitat on left bank between 116th and 124th.	H/M	M/L
	N352	Enhance Tributary 0101 confluence.	M	M
Reach 6: Lake Sammamish to Bear Creek Confluence Unranked because primarily used by Issaquah population. Projects in Reach 6 that influence ecosystem processes (such as temperature) versus more localized benefit could benefit NLW Chinook as well and would be a higher priority.	N363	Enhance mouths of two unnamed tributaries in reach.	H	H
	N358	Sammamish River Transition Zone Restoration.	H	H/M
	N360	Enhance existing pools and create new pools in reach.	H	H/M
	N359	Regrade banks, create flood benches and restore riparian vegetation in reach.	H	M
	N362	Riparian revegetation between Lake Sammamish and weir.	H/M	H
	N361	Riparian revegetation between weir and confluence of Bear Creek.	M	H

North Lake Washington Tributaries Tier 2: Prioritization of Site Specific Projects for North Creek, Little Bear Creek, Evans Creek and Kelsey Creek

PROTECTION: Prioritization of Site-Specific Protection Projects for Lower North Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 5: 208 th St culvert to 196 th St culvert	N380	Pursue conservation easement on property adjacent to Twin Creeks Restoration Project.	H	?
Reach 4: 228 th SE Canyon Park Rd crossing to 208 th St culvert	N376	Protect forested wetland south of Malby Road.	H/M	M/L
Reach 3: Upstream end of business park to 2228 th SE Canyon Park Rd crossing	N372	Protect forested property north of 240 th .	H	M/L
Reach 2: From Cascadia Restoration project to upstream end of business park	N370	Protect Boy Scouts property.	H+	L
	N371	Protect forested property to east of Reach 2.	H+	L

PROTECTION: Prioritization of Site-Specific Protection Projects for Upper North Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 10+: Downstream of McCollum Park to headwaters	N397	Acquire 5-acre parcel for future retention/detention.	H	L
	N396	Protect North Creek headwaters: Acquire 10 acre parcel.	H	?
Reach 9: Mill Ck development area to downstream of McCollum Park	N393	Protect forested wetlands in reach.	H	M
Reach 6: 196 th St culvert to confluence Nickel Ck and North Ck Regional Park boundary	N385	Protect large forested parcels in Reach 6.	H	M
Reach 7: Confluence Nickel Ck to confluence Penny Ck	N389	Acquire 53 acres of forest/wetlands adjacent to North Creek Regional Park.	H	M
Reach Silver 1: Mouth to 196 th culvert	N398	Acquisition of parcel including frontage on both Silver and North Creeks.	M/L	?

RESTORATION: Prioritization of Site-Specific Restoration Projects for Lower North Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 2: From Cascadia Restoration project to upstream	N367	Floodplain restoration in Reach 2.	H	M
	N369	Restore riparian wetland south of North Creek	M	L

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
end of business park		Parkway N.		
	N368	Restore riparian wetland north of 195th.	M/L	H
Reaches 4 & 5 Tied in Priority				
Reach 4: 228 th SE Canyon Park Rd crossing to 208 th St culvert	N375	Enhance North Creek in Thrashers Corner area.	H	H
Reach 5: 208 th St culvert to 196 th St culvert	N377	Expand Twin Creeks restoration.	H	H
	N378	Continue to work with school in Reach 5 restore creek on their property.	H	H
	N379	Work with Landowners in Reach 5 to restore riparian vegetation and to do stream enhancements.	H	H
Reach 4: 228 th SE Canyon Park Rd crossing to 208 th St culvert	N373	Floodplain restoration north of 228 th .	H	H/M
	N374	Enhance mouth and lower reaches of Palm Creek.	M	H
Reach 1: Mouth to Cascadia Restoration project	N365	Add conifers to Cascadia Project.	M	H
	N366	Restore lowest reach of North Creek.	M/L	M/L

RESTORATION: Prioritization of Site-Specific Restoration Projects for Upper North Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 8: Confluence Penny Ck to Mill Creek development area	N390	Restoration within city-owned reach of North Creek.	H	H
Reaches 7 & 6 Tied in Priority				
Reach 7: Confluence Nickel Ck to confluence Penny Ck	N386	North Creek Regional Park stream channel enhancement.	H	H
	N388	Work with landowners in Reach 7 to restore riparian vegetation and to do stream enhancements.	H	H
Reach 6: 196 th St culvert to confluence Nickel Ck and North Ck Regional Park boundary	N381	Buyout frequently flooded home and restore floodplain.	H	H
	N382	Add large woody debris in reach.	H	H
	N384	Work with landowners in Reach 6 to restore riparian vegetation and to do stream enhancements.	H	H
Reach 7: Confluence Nickel Ck to confluence Penny Ck	N387	Acquire property north of the North Creek Regional Park and remove dike, reconnect creek to floodplain and wetlands.	H	H/M
Reach 6: 196 th St culvert to confluence Nickel Ck and North Ck Regional Park boundary	N383	Replanting cleared parcel north of 192nd and East of Waxon Road.	H/M	?
Reaches 9, 10 & Penny 1 Tied in Priority				
Reach 9: Mill Ck development area to downstream of	N391	Work with landowners in Reach 9 to restore riparian vegetation and to do stream enhancements.	H	H

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
McCollum Park				
Reach 10+: Downstream of McCollum Park to headwaters	N394	Work with landowners in Reach 10 to restore riparian vegetation and to do stream enhancements.	H	H
	N395	Install grade control structures (very large logs) from Northwest Stream Center to 128th in McCollum Park.	H	H
Reach 9: Mill Ck development area to downstream of McCollum Park	N392	Riparian and instream restoration in creek below McCollum Park designated as Native Growth Protection Area.	M	H
Reach Penny 1: Mouth to retention pool	N399	Improve fish passage at two culverts along Mill Creek Community Trail.	L	H

PROTECTION: Prioritization of Site-Specific Protection Projects for Little Bear Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 10: Little Bear Rd culvert to 51 st St culvert	N424	Protect undeveloped, forested wetlands in reach covering approximately 110 acres.	H	H
Reach 11: 51 st St culvert to 181 st SE culvert	N427	Protect 88 acres of mature second-growth forest on right bank of Little Bear Creek in Reach 11.	H	H
Reach 12: 180th SE Culvert to upper extent coho potential (near Silver Firs Subdivision)	N429	Protect forested, headwater wetlands North of 180th to 156th, an ~2-mile stretch of Little Bear Creek.	H+	H/M
Reach 9: Confluence with Great Dane to Little Bear Rd culvert	N422	Protect ~100 acre, undeveloped forested wetland on both Little Bear and Great Dane Creeks. (Also under Great Dane Creek Reach 1).	H	H
Reach GD1: Mouth to SR 524 crossing	N430	Protect ~100 acre, undeveloped forested wetland on both Little Bear and Great Dane Creeks. (Also listed under Reach 9).	H	H
Reach 9: Confluence with Great Dane Ck to Little Bear Rd culvert	N421	Maltby Road property, five parcels totaling 35 acres of mature second-growth upland forest.	?	?
Reach 7: Canyon Park culvert to confluence with Cutthroat Ck	N417	Protect forested, undeveloped parcels in Reach 7 west of Little Bear Creek.	H	M
Reach 2: 132 nd Ave NE to Hwy 522 crossing	N406	Protect riparian area in Reach 2 that is partially in public ownership.	H	H
Reach 8: Confluence with Cutthroat Ck to confluence with Great Dane Ck	N419	Seek conservation easements on undeveloped forested parcels in Reach 8.	H	M/L

RESTORATION: Prioritization of Site-Specific Restoration for Little Bear Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reaches 1 & 2 Tied in Priority				
Reach 2: 132 nd Ave NE to Hwy 522 crossing	N402	Improve Fish Passage at 134th Avenue NE at RM 0.5.	H	H
	N401	Improve Fish Passage at 132nd Avenue NE at RM .45.	H	H
	N403	Restore riparian vegetation up to SR 522 and add LWD.	H	H
	N404	Construct water quality treatment and retention/detention stormwater facilities for SR 522 at 195 th .	H	H
	N405	Add Large Woody Debris at downstream end of Reach 2 as alternative to bank armoring.	M	H
Reach 1: Mouth to 132 nd Ave NE crossing	N400	Plant riparian vegetation where possible in Reach 1.	M	H
Reaches 3, 4, 5 & 6 Tied in Priority				
Reach 5: Begin industrial reach to confluence Howell Ck	N411	Continue Creek Restoration at Alphine Rockeries.	H	H
	N412	Snohomish Co. to continue to work with business owners in Reach 5 and Howell Creek to improve water quality.	H	H
Reach 3: Hwy 522 crossing to confluence with Rowllins Ck	N408	Add large woody debris in Reach 3 particularly in publicly-owned section from 195th to house.	H	H
	N407	Improve fish passage at NE 195th Street at RM 1.8.	H	H/M
Reach 6: Confluence Howell Ck to Canyon Park culvert	N413	Buyout frequently flooded home, add large woody debris and restore riparian vegetation.	H	M
Reach 4: Confluence with Rowllins Ck to begin industrial reach	N409	Add large woody debris in Reach 4.	H	L
Reaches 7 & 8 Tied in Priority				
Reach 7: Canyon Park culvert to confluence with Cutthroat Ck	N415	Restore floodplain to remainder creek where creek is currently constrained by Route 9.	H	H/M
	N414	Work with landowners in Reach 7 to restore riparian vegetation and add large woody debris.	H	M
Reach 8: Confluence with Cutthroat Ck to confluence with Great Dane Ck	N418	Work with private property owners to add large woody debris and restore riparian vegetation in Reach 8.	H	M/L
Reach 7: Canyon Park culvert to confluence with Cutthroat Ck	N416	Improve fish passage at privately owned barrier in lower reach of Cutthroat Creek.	M/L	L
Reaches 9 & 10 Tied in Priority				
Reach 10: Little Bear Rd culvert to 51 st St culvert	N423	Improve fish passage at 51st Ave. NE, RM 6.5.	M/L	H
Reach 9: Confluence with Great Dane Ck to Little Bear Rd culvert	N420	Replace failing culvert of creosote logs under SR 524.	M/L	M
Reaches 11 & 12 Tied in Priority				
Reach 11: 51 st St culvert to 181 st SE culvert	N425	Enhance large woody debris recruitment and frequency between 180th St. SE and Maltby Road.	H	H/M

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 12: 180th SE Culvert to upper extent coho potential (near Silver Firs Subdivision)	N428	Retrofit retention/detention facilities and Silver Fir development stormwater system to cool water and augment base flows at 156 th Street SE.	H	L
Reach 11: 51 st St culvert to 181 st SE culvert	N426	Improve fish passage at 180th Street SE at RM 7.2.	H/M	H

PROTECTION: Prioritization of Site-Specific Protection Projects for Evans Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Headwaters	N440	Protect and maintain 700 acre wetland that drains to Evans & Bear Creeks and the Snoqualmie River (is designated open space as part of Redmond Ridge).	H	H
Reach 1: Confluence with Bear Ck to 188 th St	N431	Consider increasing buffer in Reach 1.	M	L
Reach 3: 196 th St crossing	N436	Protect existing habitat in undeveloped Johnson Park.	H/M	H
Reach 4: 196 th St crossing to 196 th St crossing and Redmond-Fall City Rd	N438	Work with private property owners in reach to protect existing wetlands.	L	L

RESTORATION: Prioritization of Site-Specific Restoration Projects for Evans Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 3: Union Hill Rd crossing to 196 th St crossing	N435	Work with private property owners in Reach 3 to improve riparian and instream conditions.	H/M	M
	N434	Restoration of Evans Creek within Johnson.	M	H
Reach 5: 196 th St crossing and Redmond-Fall City Rd to Redmond-Fall City Rd crossing	N439	Move Evans Creek away from Redmond Fall City Road, re-meander, increase buffer and channel complexity and restore riparian vegetation.	M/L	M
Reach 2: 188 th Street to Union Hill Rd crossing	N433	Restore Evans Creek In-Place - If creek is not relocated away from industrial area, enhance stream conditions in existing location.	M	L
	N432	Evans Creek Relocation Study - Study feasibility of relocating Evans Creek to the North, away from industrial area and restoring.	?	M
Reach 4: 196 th St crossing to 196 th St crossing and Redmond-Fall City Rd	N437	Conduct pilot project to address high sedimentation, invasive reed canary grass, and to restore riparian vegetation.	M	L

PROTECTION: Prioritization of Site-Specific Protection Projects in Kelsey Creek

Please note: Kelsey Creek reaches were not prioritized for protection using EDT Model. Therefore these potential projects are prioritized based on expert opinion of Benefits to Chinook and Ease of Implementation only.

Reach # (Not Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 6: Main Street to headwaters	N495	Maintain headwater wetlands.	H	H
Reach 2: Lake Hills	N465	Acquire parcels just south of SE 7 along wetland	H	H

Reach # (Not Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
connector to lower end of Glenndale Golf Course		buffer.		
Reach 4: Olympic pipeline structure to confluence with Valley Ck	N482	Protect existing riparian habitat, especially in larger parcels where stream could meander and buffers could be wider.	H	H
Reach 5: Confluence with Valley Creek to Main Street	N492	Protect wetlands along 148 th .	H	H
Reach 7: Richards Creek – mouth to SE 32 nd St	N504	Acquire undeveloped properties or easements along reach 77-02 & 78-01.	H	H
Reach 9: West Tributary – mouth to Bellevue-Redmond Road	N514	Acquire parcels just south of SE 7 along wetland buffer.	H	H
Reach 2: Lake Hills connector to lower end of Glenndale Golf Course	N466	Implement farm management BMPs.	H	M
	N467	Investigate and remove illegal water withdrawals in reach.	H	M
	N468	Investigate opportunities to utilize alternative water sources for legal water withdrawals in reach.	H	M
Reach 4: Olympic pipeline structure to confluence with Valley Ck	N483	Investigate options for more natural stream channel during Bel-Red commercial redevelopment process.	H	M
Reach 5: Confluence with Valley Creek to Main Street	N491	Protect existing coniferous riparian habitat along Kelsey Creek upstream of Ilahee Apt to 148th Ave NE.	H	M
Reach 10: Goff Creek – mouth to Bellevue- Redmond Road	N515	Purchase riparian forested buffers or conservation easements in stream segment 81-01 of Goff Creek.	H	M
Reach 3: Grade control passage obstruction at golf course to Olympic pipeline structure	N476	Continue to Implement Golf Course BMPs.	M	H
Reach 7: Richards Creek – mouth to SE 32 nd St	N503	Purchase 2 parcels to protect hillside springs/seeps and forest.	M	H

RESTORATION: Prioritization of Site-Specific Restoration Projects for Kelsey Creek

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
Reach 3: Grade control passage obstruction at golf course to Olympic pipeline structure	N473	Improve fish passage at concrete weirs.	H	H
	N469	Install large woody debris in stream segments 76- 03a through 76-08.	H	M
	N470	Restoration of riparian areas in reach.	H	M
	N472	Improve fish passage at NE 8th St.	H	L
	N474		H	L

Remove riprap, setback banks, and bioengineer

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
		banks.		
	N475	Restore stream channel & off-channel habitat upstream of NE 8th.	H	L
	N471	Work with streamside property owners north of NE 8th to establish native riparian buffers.	M	M
Reach 4: Olympic pipeline structure to confluence with Valley Creek	N477	Install large woody debris in stream segments 76-03a through 76-08.	H	M
	N478	Restoration of riparian areas in reach.	H	M
	N480	Improve fish passage at Olympic Pipeline weirs.	H	M
	N479	Use bioengineering and bank slope setbacks to remove severely eroding gabion walls and stabilize stream banks.	H	L
	N481	Re-establish more natural channel through Bel-Red area.	H	L
Reach 2: Lake Hills connector to lower end of Glendale Golf Course	N454	Install large woody debris in stream segments 76-03a through 76-08.	H	H
	N457	Restoration of riparian areas in reach.	H	H
	N459	Remove invasive non-native plants and restore native vegetation in reach.	H	H
	N462	In lower Glendale, establish wetland along mainstem Kelsey, allow floodplain connectivity.	H	H
	N458	Install large woody debris in stream segments 76-03a through 76-08.	H	M
	N460	Set back or remove berm on reach 76-05 and expand buffer and channel migration zone.	H	M
	N463	Allow natural channel migration to occur in lower Glendale reaches and Kelsey Creek Farm.	H	M
	N464	Enlarge Riparian Buffer through Glendale Country Club.	H	M
	N461	If berm on reach 76-05 cannot be moved, then explore opportunities to utilize man-made tributary through pastures as secondary channel.	H/M	M
	N456	Restore stream channel through segments 76-03 through 76-05.	M	H
	N455	Enhance wetlands to restore off-channel and riparian wetland habitats along stream segment 76-05.	M	M
	N453	Improve fish passage at Lake Hills Connector.	M	L
Reach 9: West Tributary – mouth to Bellevue-Redmond Road	N510	Install large woody debris in stream segments 80-01 through 80-02 in the West Tributary.	H	H
	N511	Restore original stream channel of the West Tributary through Kelsey Creek Farm.	H	H
	N512	Reduce invasive non-native plants in high Chinook usage reaches of West Tributary.	H	H
	N513	Place large woody debris in floodplain near channel and spanning logs.	H	H
	N509	Improve fish passage at NE First Street on West Tributary.	H	M
Reach 1: Mouth to confluence with Richards Creek and Lake Hills culvert	N442	Riparian restoration in Mercer Slough.	H	H
	N449	Improve fish passage at 121st Avenue SE.	H	H
	N452	Above I-405, reach 76-03: install large woody debris; restore riparian vegetation.	H	H
	N443	Enhance Mercer Slough cool water refuges.	H	M

Reach # (Listed in Priority Order)	Proj. #	Description	Benefits to Chinook	Ease of Implem.
	N446	Replace culverts beneath I-405 with bridge and restore stream habitat.	H	M
	N448	Above I-405, reach 76-03: remove riprap in stream channel bottom, install large woody debris, and restore habitat.	H	M
	N451	Above I-405, reach 76-03: improve connections with cold water seeps/springs off Woodridge Hill for refugia.	H	M
	N445	Remove creosote wall near I-90.	H	M/L
	N441	Mercer Slough floodplain restoration.	M	H
	N444	Reduce pesticide use and protect water quality in the Mercer Slough Blueberry Farm.	M	H
	N447	Above I-405, reach 76-03: check sewage pump station/force mains for potential problems.	M	H
	N450	Above I-405, reach 76-03: investigate opportunities to connect wetlands on north side of SE 8 th .	M	M
Reach 8: Valley Creek – mouth to Bellevue Municipal Golf Course	N505	Daylight Valley Creek through Bellevue Golf Course.	H	H
	N508	Install large woody debris in stream segment 83-01 of Sears Creek.	H	H
	N506	Improve fish passage at culverts beneath SR 520.	H	M
	N507	Install large woody debris in stream segments 82_01 through 82-05 of Valley Creek.	H	L
Reaches 5 & 7 Tied in Priority				
Reach 5: Confluence with Valley Creek to Main Street	N490	Improve fish passage at 148th Ave NE.	H	H
Reach 7: Richards Creek – mouth to SE 32 nd St	N498	Improve fish passage at Lake Hills Connector.	H	H
	N499	Install large woody debris in stream segment 77-02 through 77-03 of Richards Creek.	H	H
	N502	Reduce invasive non-native plants in high Chinook usage reaches of Richards Creek.	H	H
Reach 5: Confluence with Valley Creek to Main Street	N485	Install large woody debris in stream segment 76-03a through 76-08 of Kelsey Creek.	H	M
	N486	Purchase riparian forested buffers or conservation easements in stream segments 76-08 and 76-09.	H	M
	N489	Improve fish passage private culverts that limit passage and flow.	H	M
	N484	Channel restoration through apartment complex.	H	L
	N488	Reduce bank armoring, lay back banks, and use bioengineering to restore banks and riparian area.	H	L
Reach 7: Richards Creek – mouth to SE 32 nd St	N500	Install large woody debris in stream segment 79-01 of Sunset Creek.	H	L
	N496	Improve fish passage at SE 26th Street on East Creek.	M	H
	N497	Improve fish passage at SE 30 th Street on Richards Creek.	M	H
	N501	Purchase riparian forested buffers or conservation easements in stream segments 77-01 through 77-03 of Richards Creek.	?	?